Environmental Science – Review for Final 2010

**Topics of low emphasis:**

* Ecosystems – biotic, abiotic, community, population, species, organism, niche, habitat, predator, prey, mutualism, parasitism, **competition,** biodiversity
* Cycles – Carbon, Water, and Energy cycles, sink, reservoir, flux, **food pyramid**, autotroph, producer, heterotroph, consumer, herbivore, carnivore, omnivore, decomposer,
* Biomes – *Adaptations*
* Succession – Pioneer species, climax community, primary succession, secondary succession

***Every topic in this category will be connected to one of the topics from the second half of the year.***

**Main Topics**

* Natural Resources
  + **Water** – pollution, *point vs non-point,* acid rain, *watersheds*, water treatment, distribution and drought
  + **Land** – urbanization, infrastructure, National Parks, soil characteristics, desertification, salinization
  + Farming – GMF, organic farming, locavores, **sustainability**, **Green Revolution,** *biodiversity*
  + **Energy** – renewable, non-renewable, biofuels, future of energy,
* **Global Warming** – *weather, climate*, proxy evidence, current practice and theory

**Focus on Sustainability – Looking at current practices and use of resources to be sure that future populations have the same access and level of use.**

*Conservation, preservation, reclamation, population*